

Courage to Soar			
2006 Science			
Grade Level and Grade Span Expectations			
Rhode Island Science			
Grades 3-4			
Activity/Lesson	State	Standards	
Aviation Pioneers	RI	SCI.3-4.PS3 (3-4)-7d	Conducting experiments to demonstrate that different objects fall to earth unless something is holding them up.
Flying a Styrofoam Plane	RI	SCI.3-4.PS3 (3-4)-7d	Conducting experiments to demonstrate that different objects fall to earth unless something is holding them up.
The Matter of Air	RI	SCI.3-4.PS3 (3-4)-7d	Conducting experiments to demonstrate that different objects fall to earth unless something is holding them up.
The Four Forces of Flight	RI	SCI.3-4.PS3 (3-4)-7d	Conducting experiments to demonstrate that different objects fall to earth unless something is holding them up.
Courage to Soar			
2006 Science			
Grade Level and Grade Span Expectations			
Rhode Island Science			
Grades 5-6			
Activity/Lesson	State	Standards	
Soaring Higher	RI	SCI.5-6.PS3 (5-6)-8a	Using data or graphs to compare the relative speed of objects.
Soaring Higher	RI	SCI.5-6.PS3 (5-6)-8c	Explain that changes in speed or direction of motion are caused by forces.
The Four Forces of Flight	RI	SCI.5-6.ESS2 (5-6)-8d	Defining the Earth's gravity as a force that pulls any object on or near the Earth toward its center without touching it.
The Four Forces of Flight	RI	SCI.5-6.PS3 (5-6)-8b	Recognize that a force is a push or a pull.
The Four Forces of Flight	RI	SCI.5-6.PS3 (5-6)-8c	Explain that changes in speed or direction of motion are caused by forces.